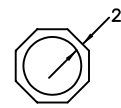



Diagram illustrating the repair of a pipe using the 'A' concrete method. The diagram shows a cross-section of an existing rigid pipe (RCP) with a new pipe being installed. The repair is made using concrete (CL. 'A' CONCRETE) and #3 REBAR. The repair is 12" MIN. wide and 6" MIN. deep. The new pipe is 30% MAX. of the original pipe diameter. The repair is made by filling the gap with concrete and rebar, and the new pipe is installed over the repair. The end of the new pipe is to match the inside of the existing RCP.

Labels in the diagram include:

- CONCRETE COLLAR CL. 'A' CONCRETE
- 12" MIN.
- 6" MIN.
- #3 IBAR
- NEW PIPE
- *END OF PIPE TO MATCH INSIDE OF EXISTING RCP
- EXISTING RCP
- 30% MAX.
- 12" MIN.
- #3 REBAR
- CL. 'A' CONCRETE

A diagram of a cell. It consists of an outer circle representing the cell membrane, with small dots along its circumference. Inside this is a smaller circle representing the nucleus. Within the nucleus is an even smaller circle representing the nucleolus. An arrow points from the label '2'' to the outer cell membrane.



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